

### PPAR Delta mouse Monoclonal Antibody(1D7)

**Catalog # AP63725** 

### **Specification**

# PPAR Delta mouse Monoclonal Antibody(1D7) - Product Information

Application IHC-P Primary Accession O03181

Reactivity Human, Rat, Mouse

Host Mouse Clonality Monoclonal

## PPAR Delta mouse Monoclonal Antibody(1D7) - Additional Information

**Gene ID 5467** 

#### **Other Names**

Peroxisome proliferator-activated receptor delta (PPAR-delta) (NUCI) (Nuclear hormone receptor 1) (NUC1) (Nuclear receptor subfamily 1 group C member 2) (Peroxisome proliferator-activated receptor beta) (PPAR-beta)

# Dilution

IHC-P~~N/A

#### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

#### **Storage Conditions**

-20°C

### PPAR Delta mouse Monoclonal Antibody(1D7) - Protein Information

Name PPARD (HGNC:9235)

Synonyms NR1C2, PPARB

### **Function**

Ligand-activated transcription factor key mediator of energy metabolism in adipose tissues (PubMed:<a href="http://www.uniprot.org/citations/35675826" target="\_blank">35675826</a>). Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Has a preference for poly-unsaturated fatty acids, such as gamma- linoleic acid and eicosapentanoic acid. Once activated by a ligand, the receptor binds to promoter elements of target genes. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the acyl-CoA oxidase gene. Decreases expression of NPC1L1 once activated by a ligand.

#### **Cellular Location**

Nucleus.



### **Tissue Location**

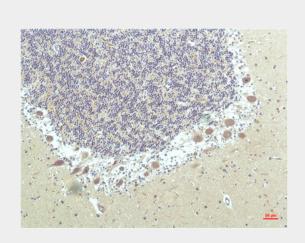
Ubiquitous with maximal levels in placenta and skeletal muscle

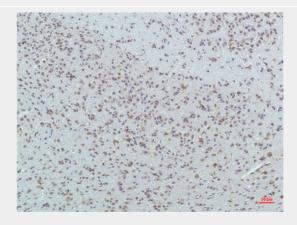
## PPAR Delta mouse Monoclonal Antibody(1D7) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

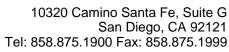
### PPAR Delta mouse Monoclonal Antibody(1D7) - Images





## PPAR Delta mouse Monoclonal Antibody(1D7) - Background

Ligand-activated transcription factor. Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Has a preference for poly-unsaturated fatty acids, such as gamma-linoleic acid and eicosapentanoic acid. Once activated by a ligand, the receptor binds to promoter elements of target genes. Regulates the peroxisomal beta-oxidation pathway of fatty





acids. Functions as transcription activator for the acyl-CoA oxidase gene. Decreases expression of NPC1L1 once activated by a ligand.